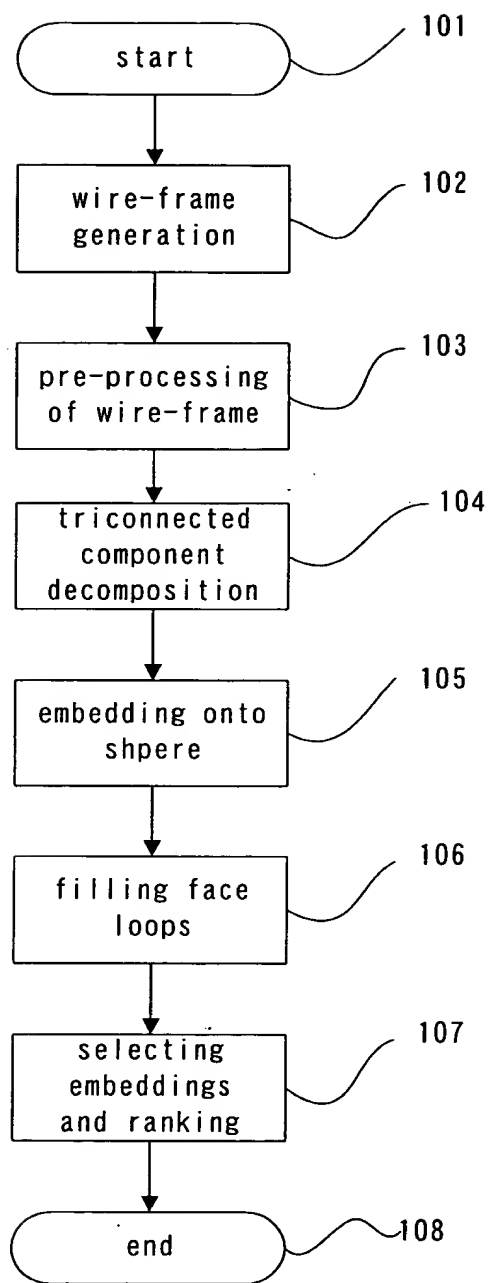
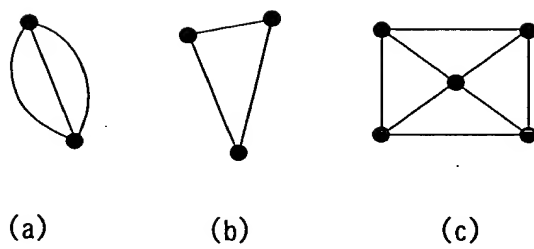


Fig. 1





- (a) 3-bond graph
(b) triangle graph
(c) triconnected graph

Fig. 2

005280" 6E184960

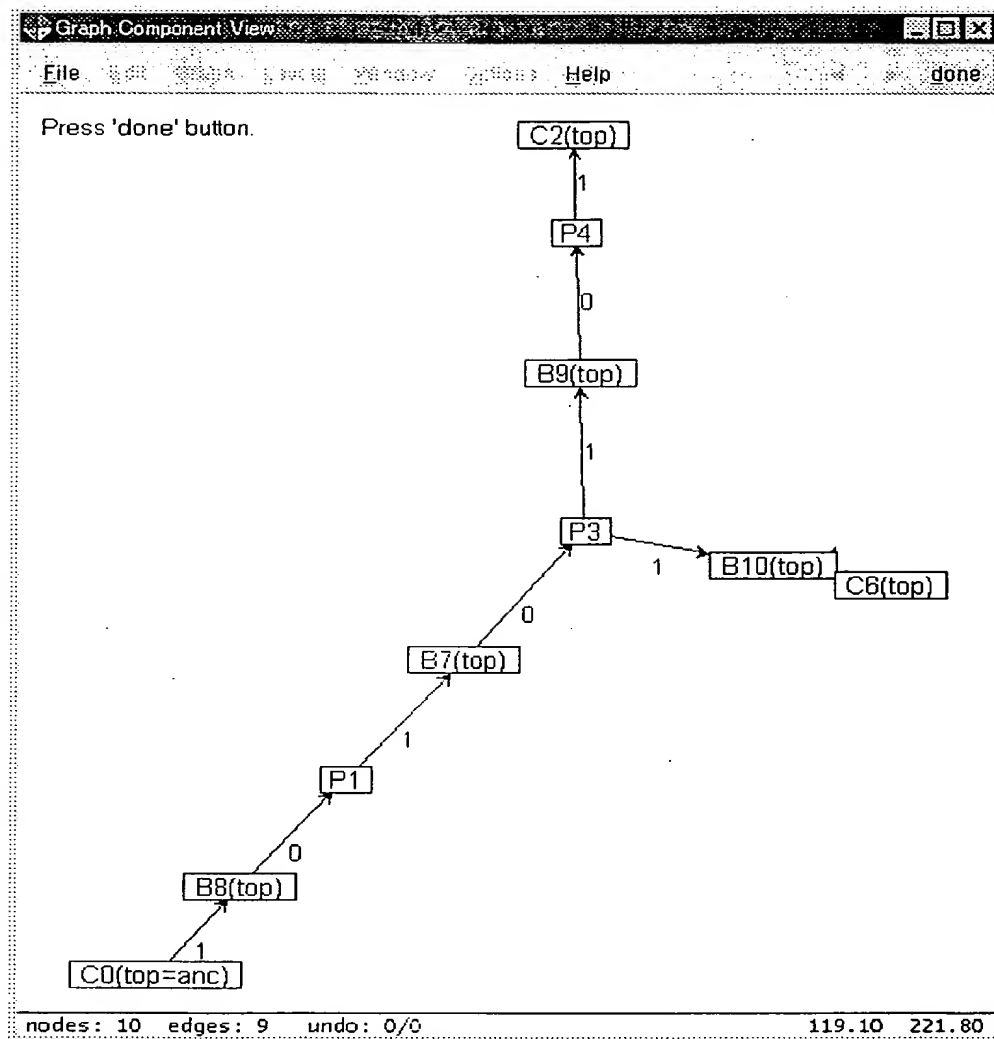
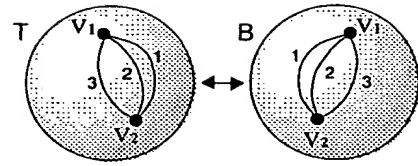
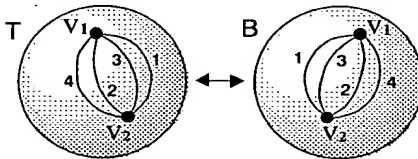
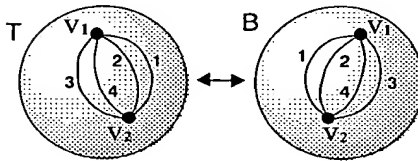
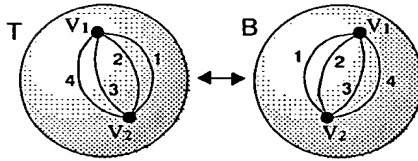


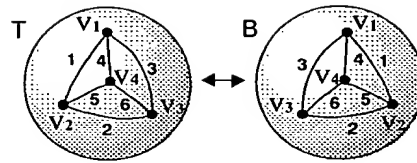
Fig. 3



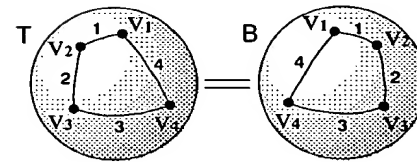
3-bond



4-bond



Triconnected graph



Polygon graph

Fig. 4

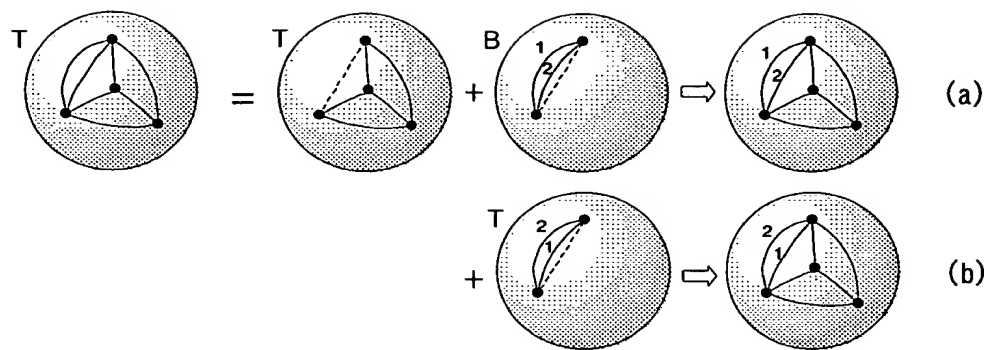
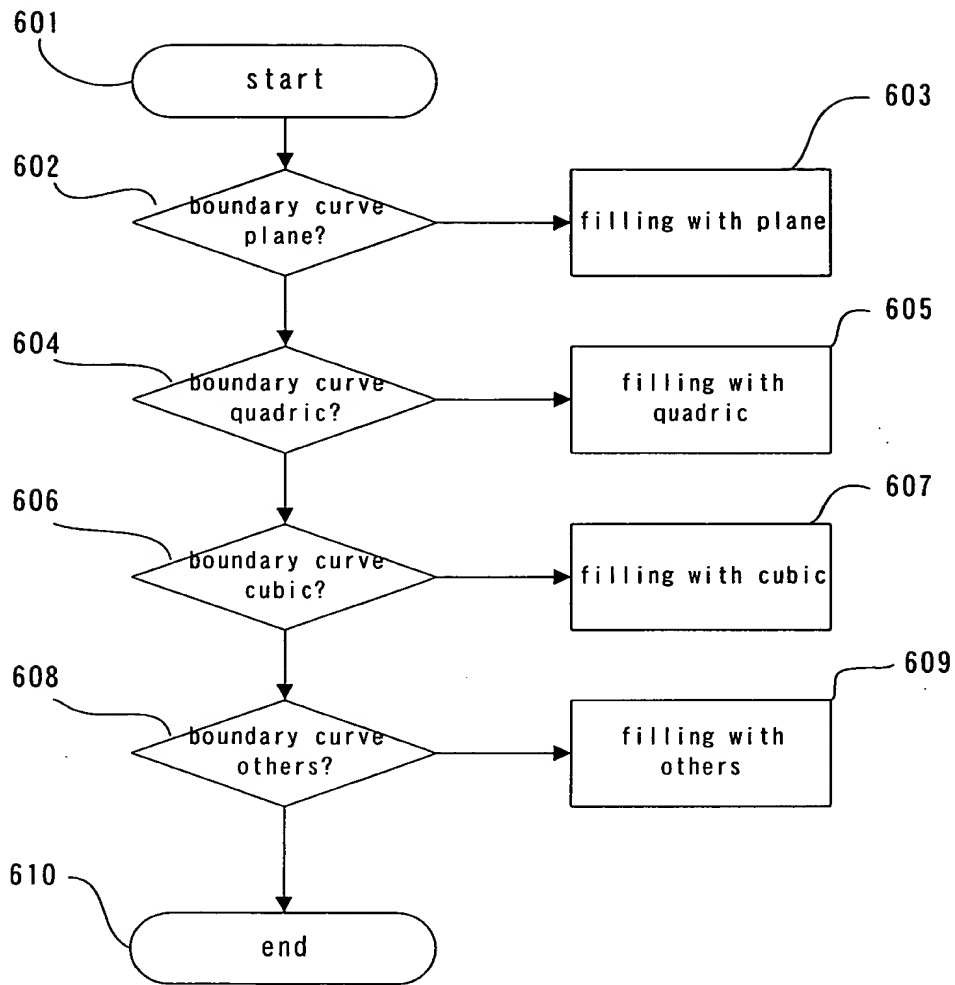


Fig. 5

Fig. 6



005280" 6ET84950

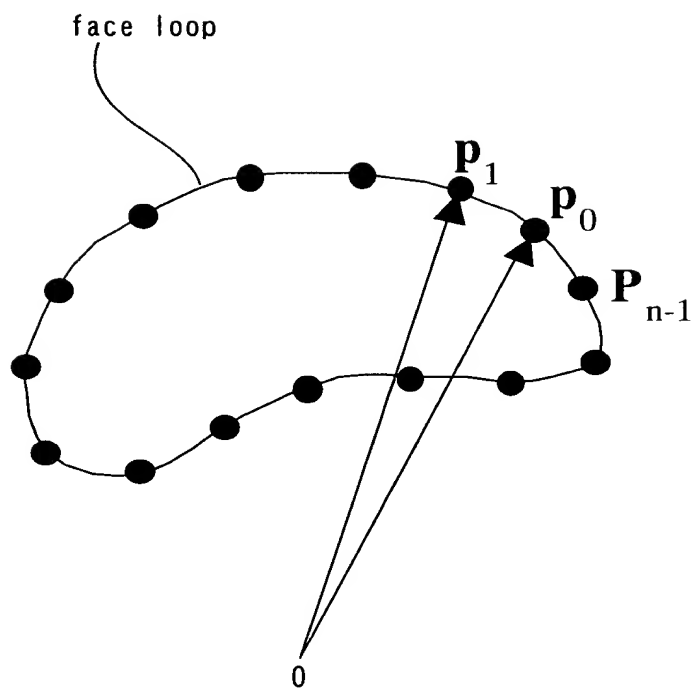


Fig. 7

005280" 6ET84950

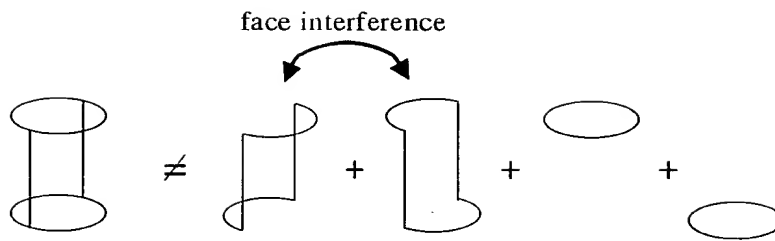


Fig. 8

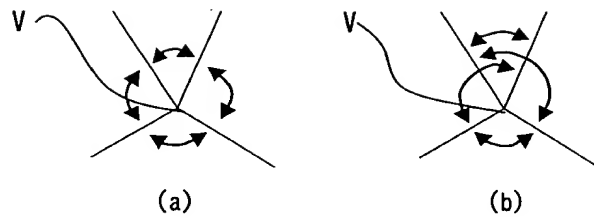


Fig. 9

09648139 "082500

```

Queue = empty;
forall (embeddings) {
    Score = 0;
    forall (loops) {
        Evaluate the loop;
        If (acceptable) Accumulate the evaluated value to Score;
        else goto next_embed;
    }
    forall (vertices) {
        Evaluate the combination of loops around v;
        If (acceptable) Accumulate the evaluated value to Score;
        else goto next_embed;
    }
    forall (edges) {
        Evaluate a pair of loops;
        If (acceptable) Accumulate the evaluated value to Score;
        else goto next_embed;
    }
    Register in Queue the pair of the embedding and computed Score;
next_embed:
}
If (Queue is not empty) {
    Sort the Queue based on Scores;
}

```

Fig. 10

005280" 5E784960

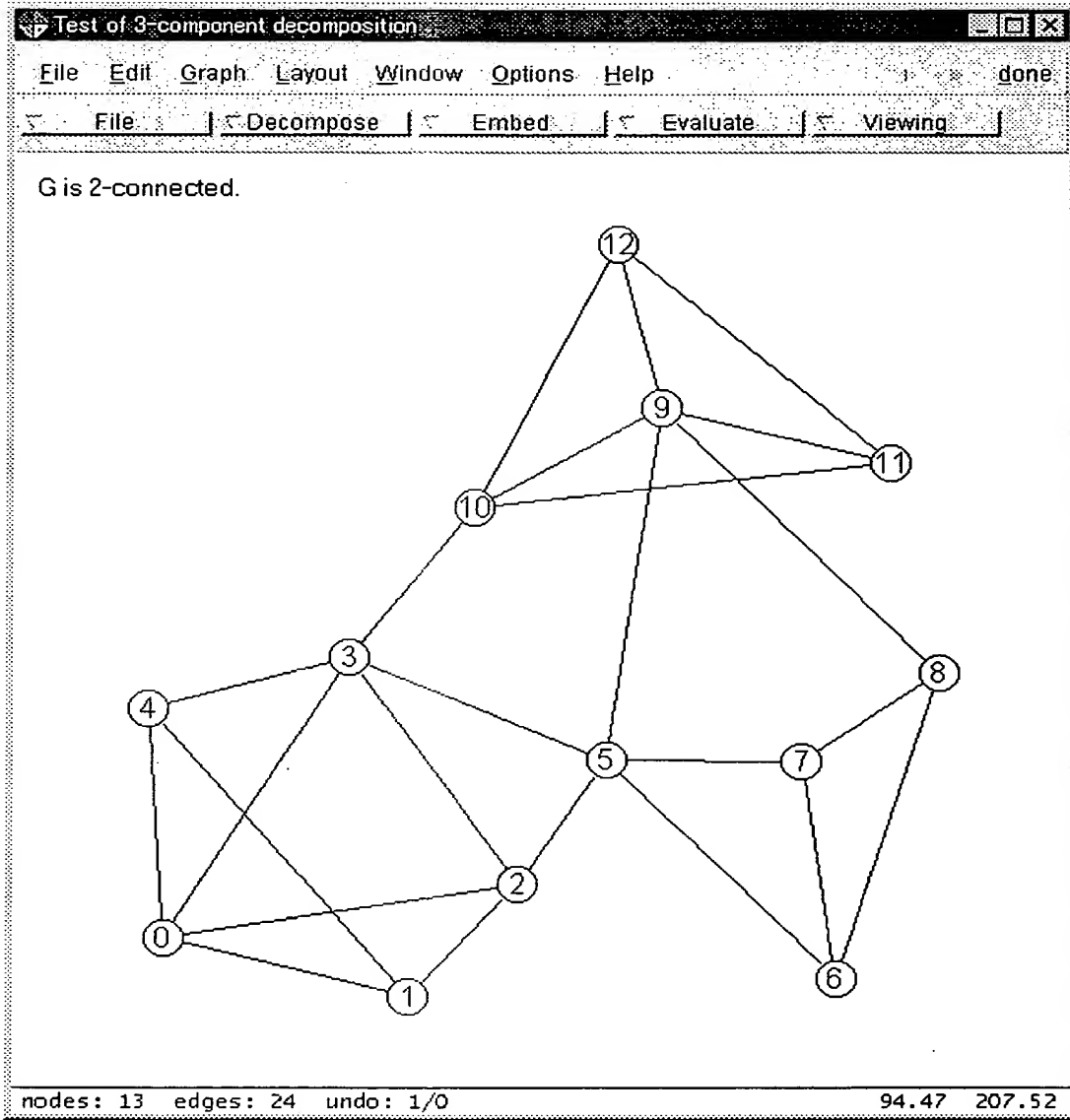


Fig. 11

005280" 6ET84960

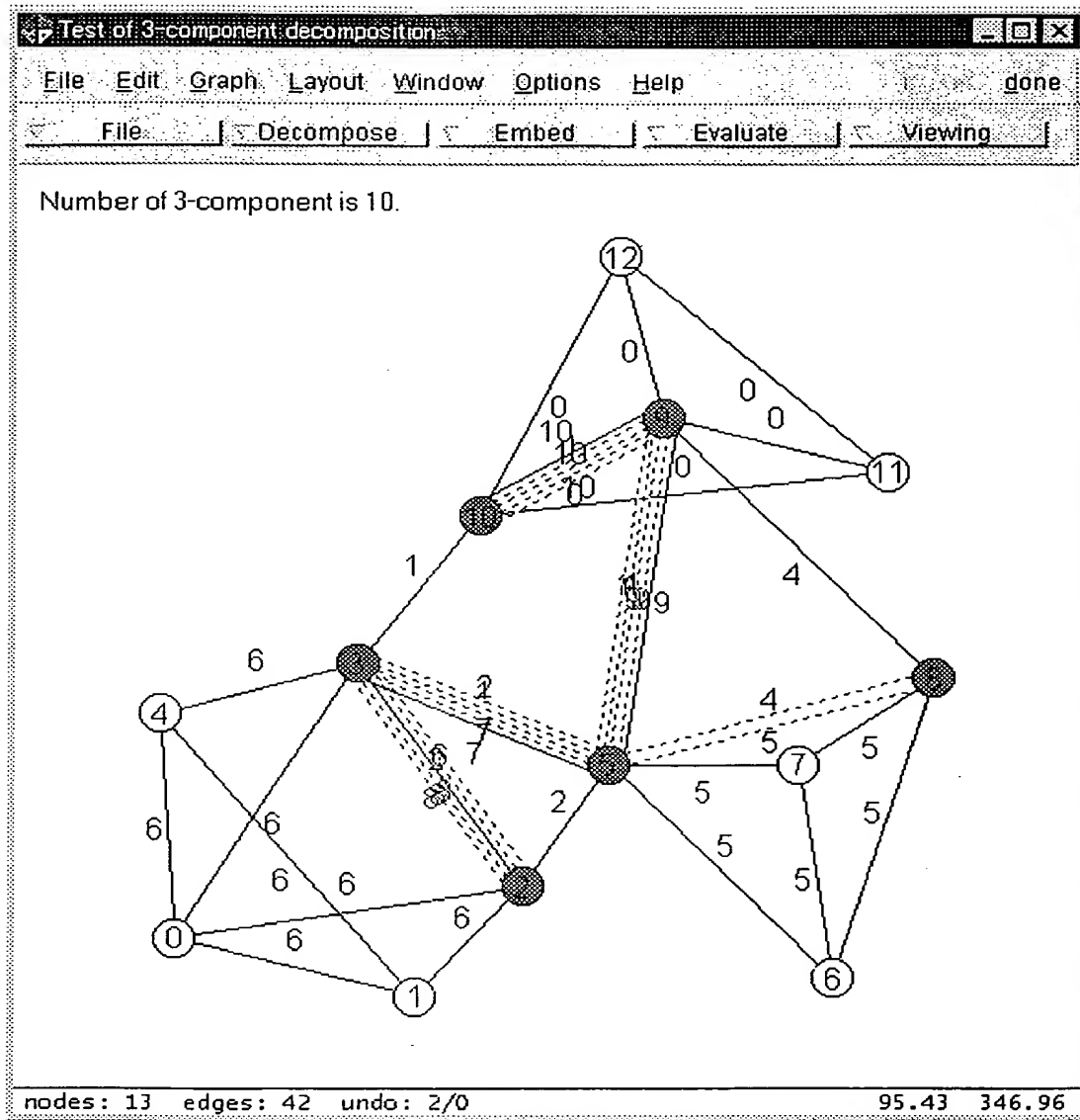


Fig. 12

005230" 6ET84960

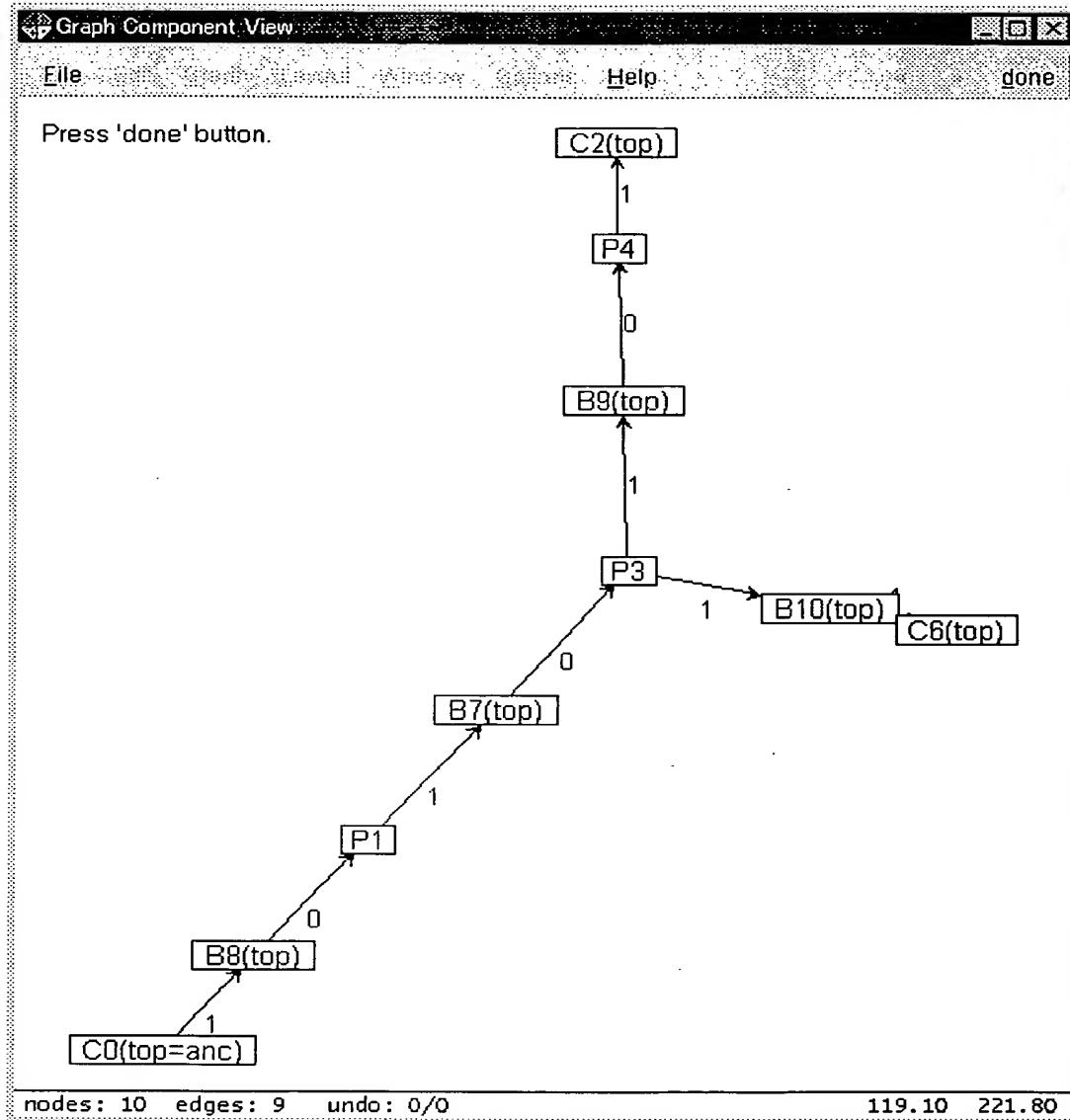


Fig. 13

005280" 6ET84960

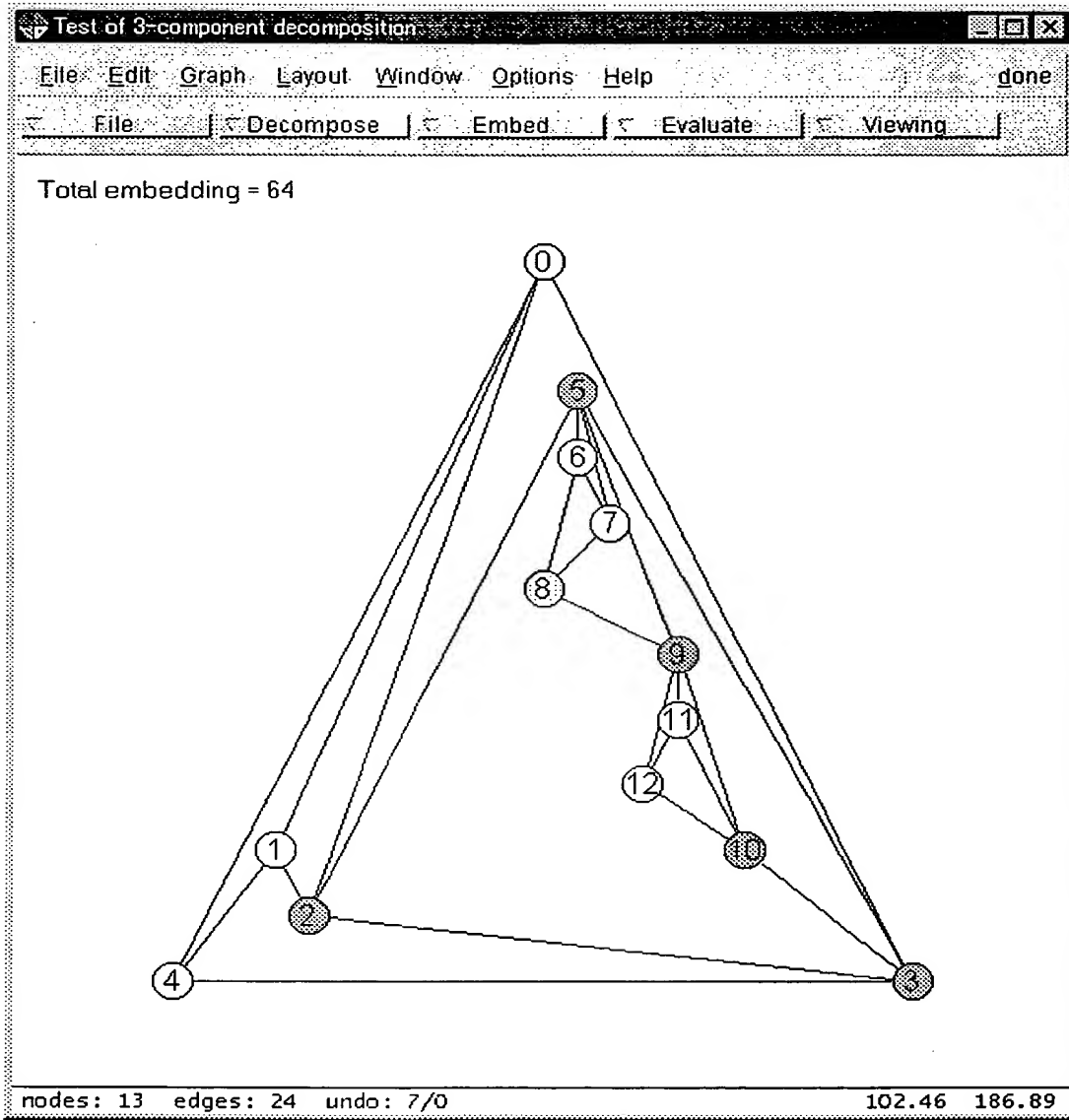


Fig. 14

005280" 6ET84960

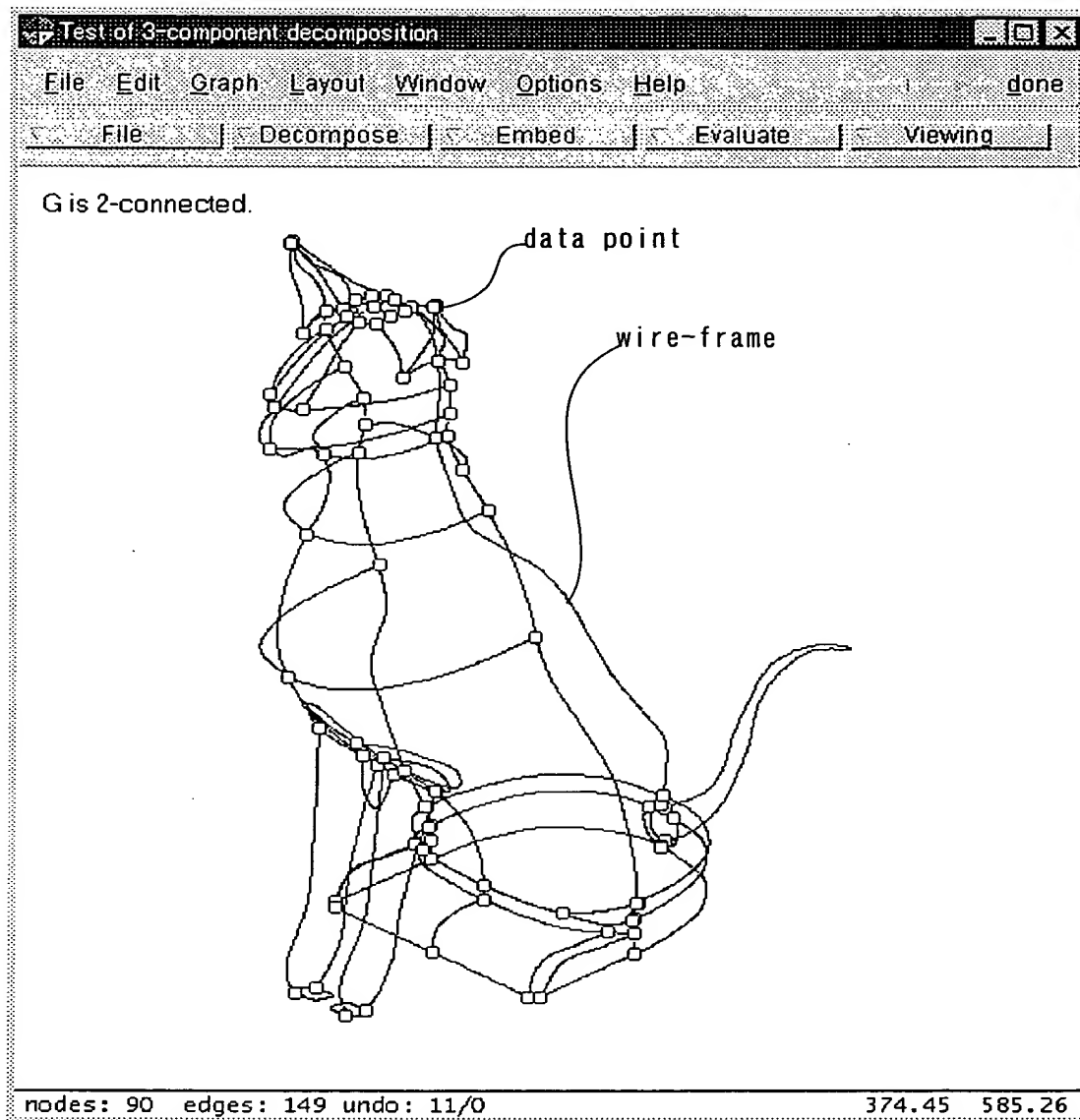


Fig. 15

005280"6ET84960

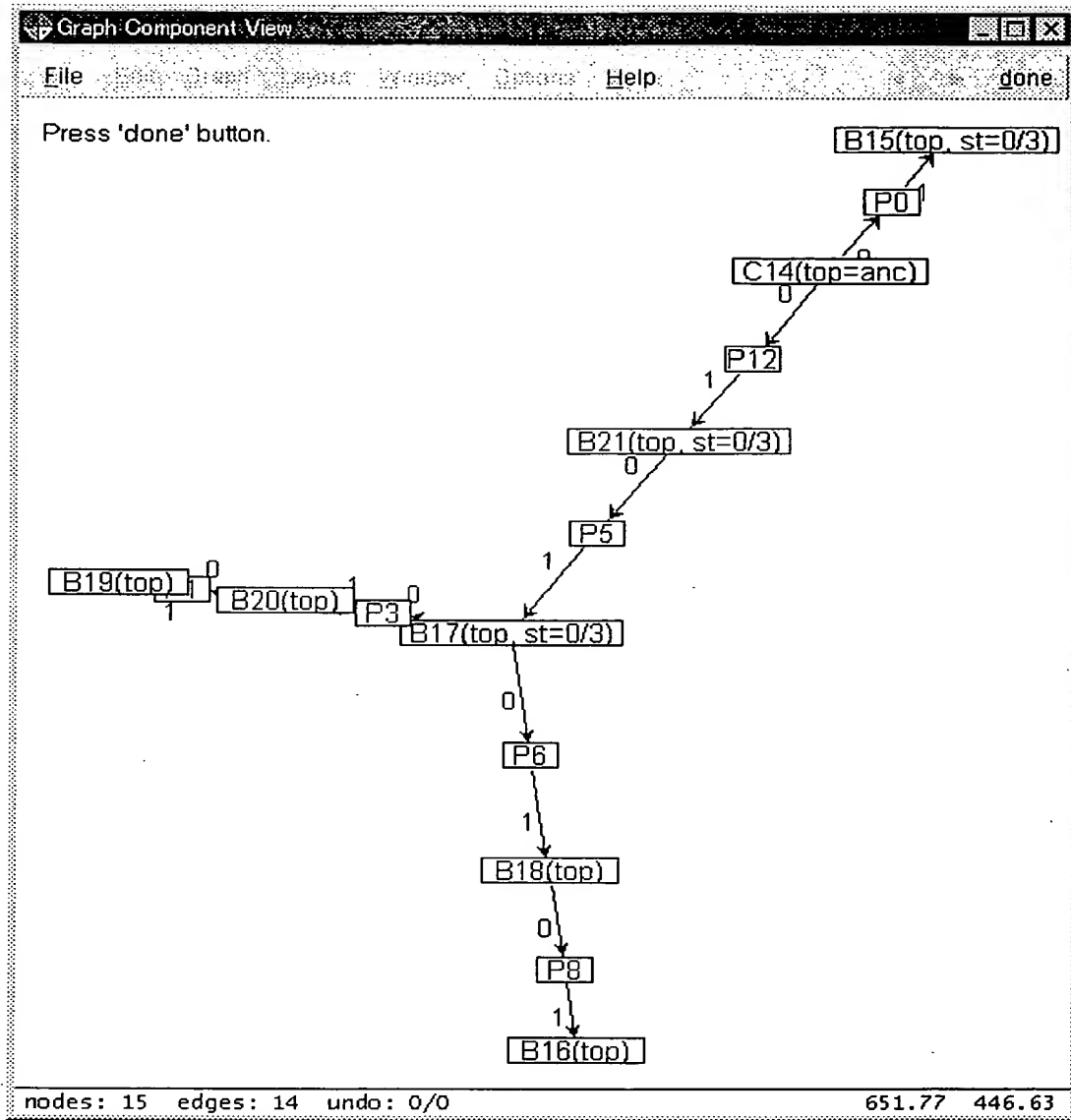


Fig. 16

005280" 6ET84950

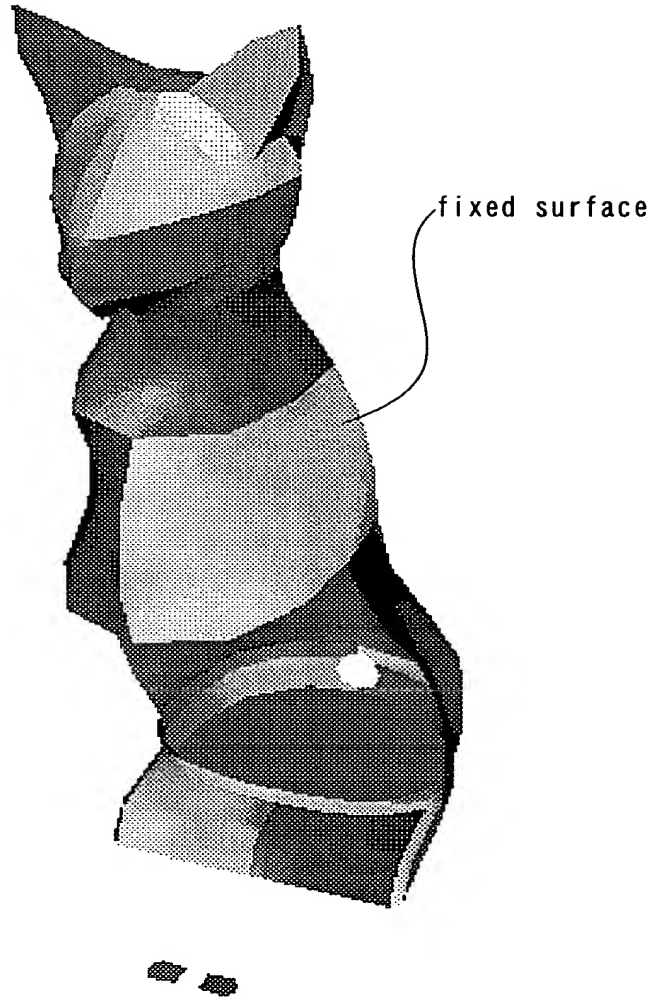


Fig. 17

09648139 082500

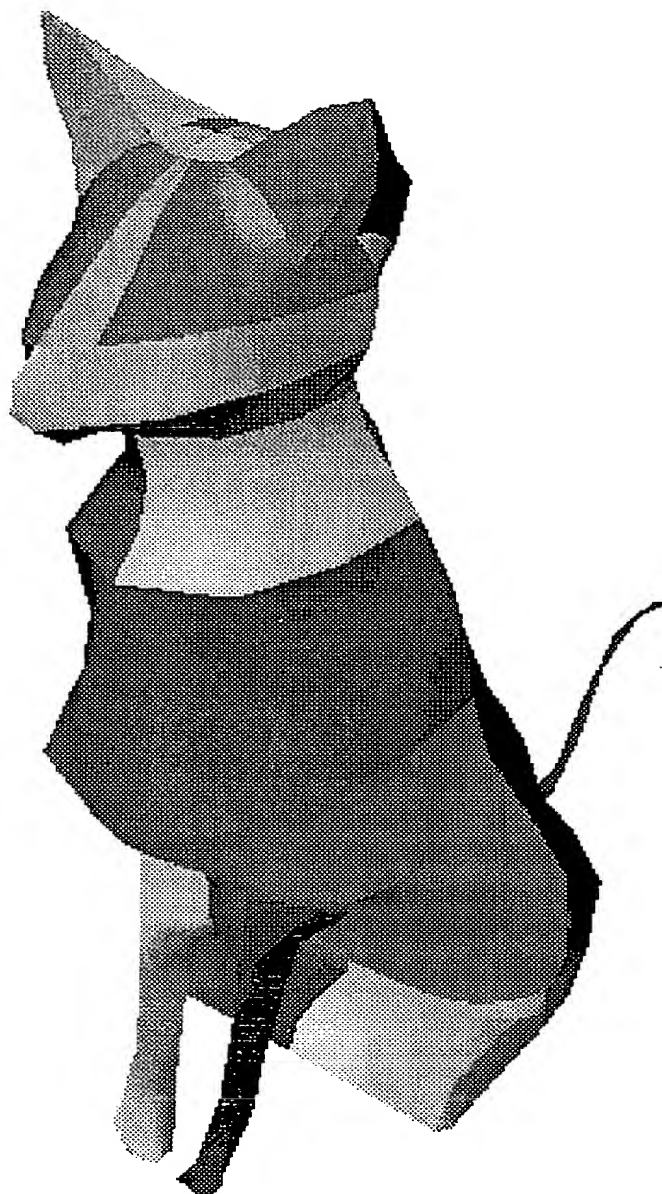


Fig. 18

005280" 6ET 84 960

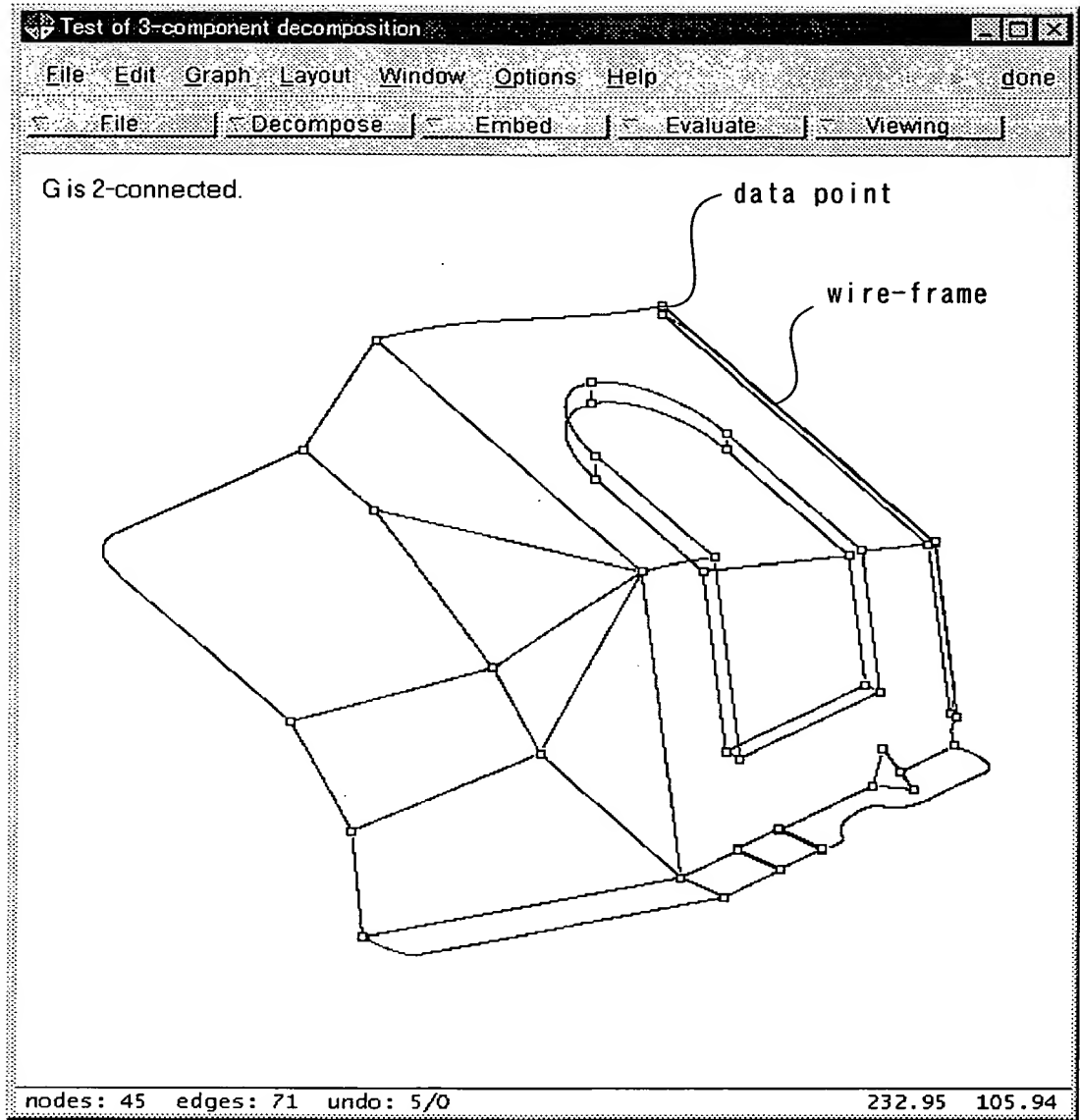


Fig. 19

005280" 62784960

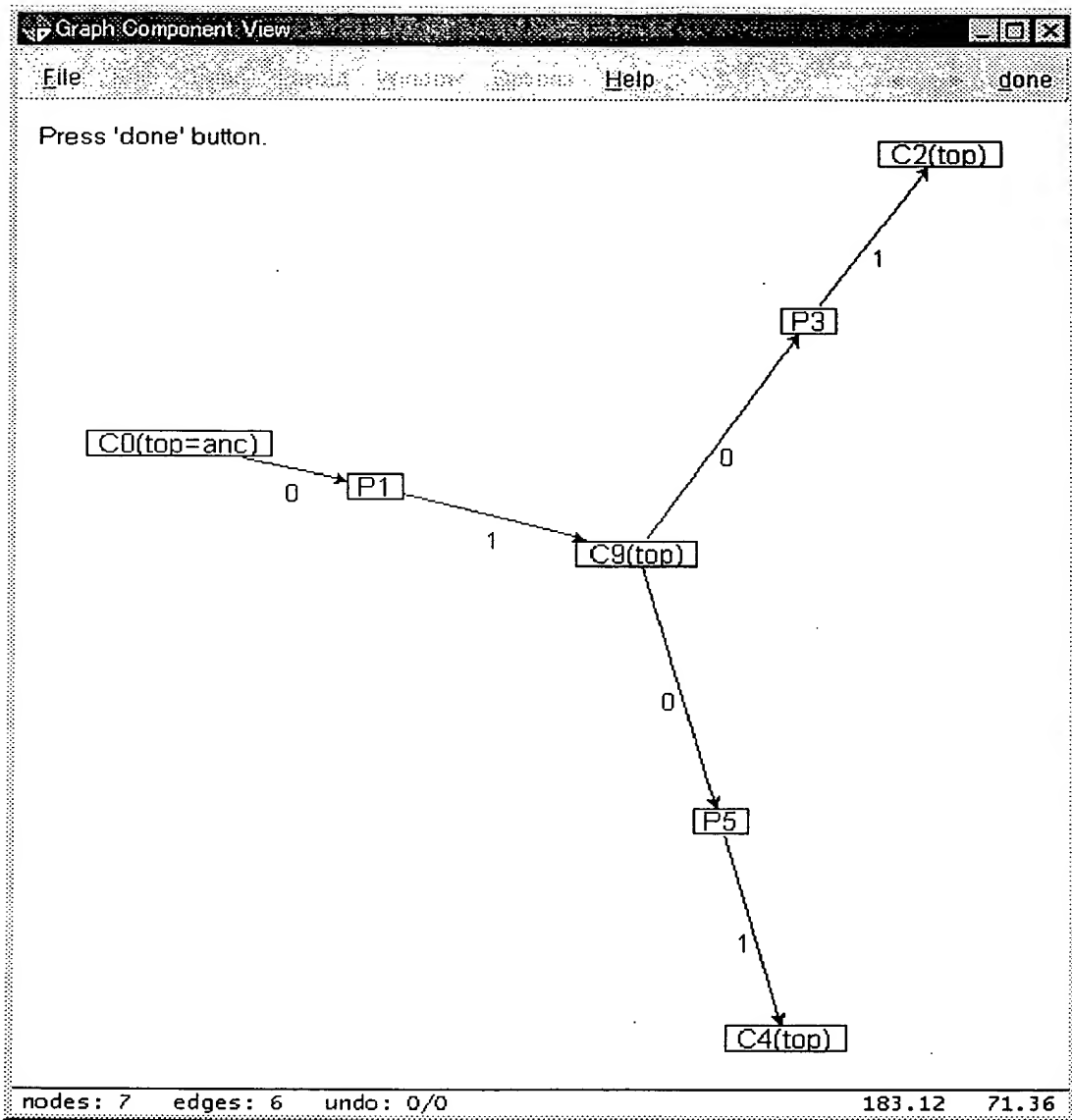


Fig. 20

005280" 6ET84960

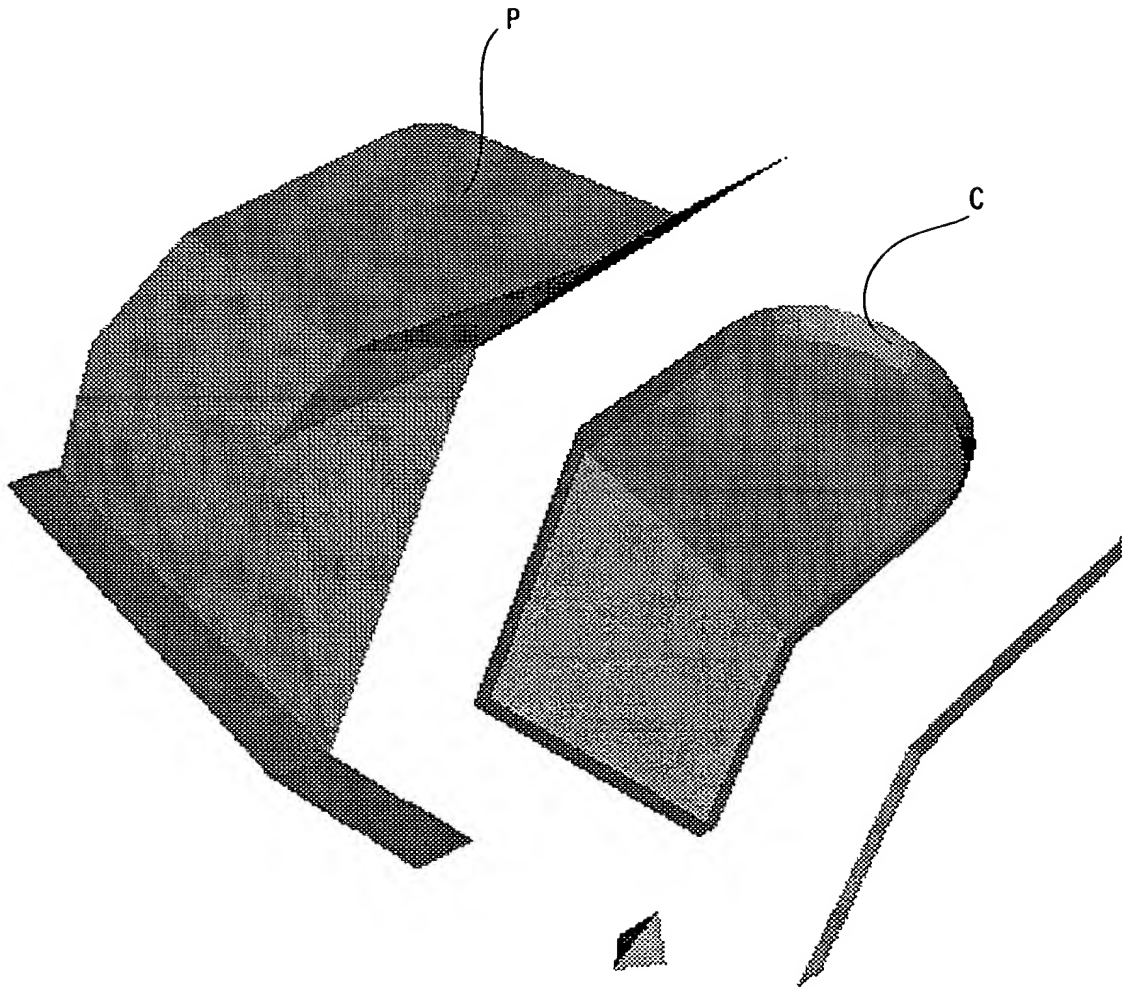


Fig. 21

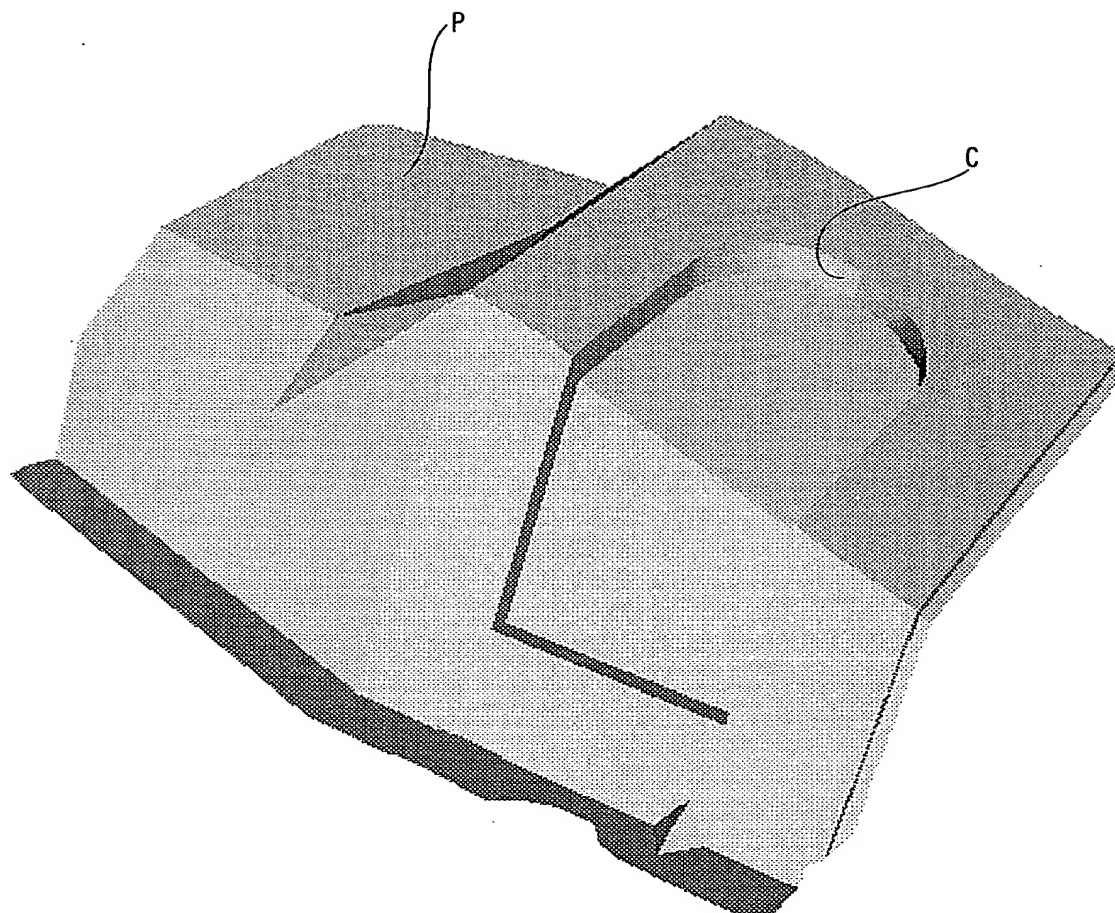


Fig. 22

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